

**Brookhaven National Laboratory  
RADIOLOGICAL WORK PERMIT**

RWP # 04-01

Start Date: 8/1/04

- ☐ Job Specific  
☒ Standing /General

End Date: 7/31/05

(Shaded areas 1 through 8 to be completed by requestor/initiator)

Revised End Date:

1. Initiator: Raymond Karol	2. Life #:15065	3. Phone: 5272	4. Bldg: 911
5. Job Location(s): Posted Radiation Areas at the Collider-Accelerator Department <b>See SI(1)</b>			
6. Job Description (Attach sheets as needed): <b><i>Routine Entry for Inspections, Data Collection, Tours, or Routine Work Activities Performed by a System Specialist.</i></b>			
6a. Work Begins: 08-01-04		6b. Work Ends: 07-31-05	
7. Historical/Other Concerns: N/A			
8. Signature of Initiator: <b>Ray Karol</b> <i>Signature on file</i>			
9. Conditions that will void RWP: None			
10. Job Review:  <input checked="" type="checkbox"/> Pre-Job Review <input type="checkbox"/> Pre-Job Briefing  <b>Work Control Coordinator to consult with Building Manager and/or supervisor when assigning tasks.</b>	11. Estimated Dose:  Highest Individual: <u>20</u> mRem <input type="checkbox"/> Per Job <input checked="" type="checkbox"/> Per Entry  Collective: <u>200</u> mRem <input checked="" type="checkbox"/> Per Job <input type="checkbox"/> Per Entry  <p style="text-align: center;"><b>See SI (2)</b></p>	12. Attachments:  <input checked="" type="checkbox"/> Radiological Survey Form (Posted locally) <input type="checkbox"/> Technical Work Document  <input checked="" type="checkbox"/> Other: <u>Pre-Job Review C-A OPM-ATT 9.5.4a</u>  <input type="checkbox"/> Not Applicable	13. Training Requirements:  <input checked="" type="checkbox"/> Radiation Worker I (RWT 002) <input type="checkbox"/> Contamination (RWT 300, 300A) <input type="checkbox"/> GERT <input checked="" type="checkbox"/> Other: C-A Facility Specific Training, (Access, Fixed Target, Radiobiology or Collider Users) in addition to Radiation Worker 1.  Entry into U-Line requires C-A Access or C-A-Fixed Target Training in addition to Radiation Worker 1. <b>See SI(3)</b>
14. Work Controls:  <input type="checkbox"/> Facility Support Coverage <input type="checkbox"/> Intermittent <input type="checkbox"/> Continuous  <input checked="" type="checkbox"/> Hold Points <b>See SI (4)</b>  <input checked="" type="checkbox"/> Limiting Conditions <b>See SI (5)</b> <input type="checkbox"/> Air Monitoring <input type="checkbox"/> Shielding <input checked="" type="checkbox"/> Other: <b>See SI (6)</b>	15. Protective Equipment:  <input type="checkbox"/> Gloves <input type="checkbox"/> Shoe Covers <input type="checkbox"/> Coveralls <input type="checkbox"/> Head Cover <input type="checkbox"/> Red Trim Lab Coat <input type="checkbox"/> Respirator <input type="checkbox"/> Other: <input checked="" type="checkbox"/> Not Applicable	16. Dosimetry:  <input checked="" type="checkbox"/> TLD  <input type="checkbox"/> Self Reading Dosimeter <input type="checkbox"/> Pencil <input type="checkbox"/> Digital  <input type="checkbox"/> Alarming Dosimeter <input type="checkbox"/> Finger Dosimetry <input type="checkbox"/> Not Applicable	17. Check Out Instructions:  <p style="text-align: center;"><b>Many Locations Require Activation Checks Prior to Removing Items from Area. Read and Follow All Postings.</b></p>
18. Special Instructions (SI): (Including Facility Specific Training) (1) Refer to C-A OPM-ATT 9.5.4a for a listing of permanent Radiation Areas. Due to the transient nature of many Radiation Areas at C-A there will be some that may not be listed on this attachment but may be covered under this RWP. <b><u>Read and follow all postings.</u></b> (2) No single entry shall result in more than 20 mR. Multiple entries shall not result in more than 20 mR per person per job. If pre-job dose estimates exceed 20 mR per person or 200 mR collective a Job-Specific RWP is required. (3) A trained and authorized C-A escort in accordance with C-A OPM 2.16 may escort visitors. (4) Consult with Facility Support Staff prior to starting any job in the U-line Neutrino Blockhouse (LANL proton radiography). (5) This RWP is not for work in Radiation Fields > 100 mR hr <sup>-1</sup> , Handling or exposure to tritiated water, Unapproved alterations of radiation barriers, or for work with the potential to disperse or generate radioactive contamination. (6) Review appropriate radiological survey prior to commencing work. The sign-in log for this RWP is located in the 911A Training Office, and the Health Physics Field Office after normal working hours.			
19. Signatures Approvals:		Department	Life Number
Facility Support Representative or Designee: <b>Paul Bergh</b> <i>Signature on file</i>		<b>RCD</b>	<b>19773</b>
Other (Department Specific): <b>Edward T. Lessard</b> <i>Signature on file</i>		<b>C-A</b>	<b>14255</b>
20. Close-Out Signature (FS Representative):			